'Twelfth Night' Presented March 23, 24, 25

The Calumet BOILERMAKER

"THE VOICE OF THE STUDENTS - - BY THE STUDENTS"

PURDUE CALUMET

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Eight-thirty, Thursday night—the curtain rises and a hush falls over the audience. A second passes—it seems an eternity to the actors. The play begins with the familiar lines, "If music be the food of love, play on. . . ."

After the actors spent weeks rehearsing, they are now ready to present their show. But there is more than the rehearsing of the actors. One of the first things that must be done is the scenery. It must be planned before rehearsals start so the director and the actors know what they will be working with on the stage. The construction of the sets begins as soon as the plans are completed.

While this is going on, a number of other crew members plan carefully for everything to go just right. Someone has to see that the lighting fits the scenery, the actors, and the mood and dialogue of the play itself, someone has to prepare the sound and have it ready when it is needed, someone must get all of the properties and see that they are placed where the actors can get them conveniently, and someone must see that all costumes are in good condition, ironed, and also convenient to the actors and their entrances. It is the job of the stage manager, the most important person backstage, to make the split-second decisions that determine whether the play will be carried out with success.

The publicity crew sees that notices get out to all the local newspapers and that hundreds of signs are posted throughout the community and surrounding areas. The information must be made clear to anyone interested: THE THEATRE COMPANY OF PURDUE UNIVERSITY CALUMET CAMPUS presents TWELFTH NIGHT by WILLIAM SHAKESPEARE, three performances, MARCH 23, 24, and 25 at 8:30 P.M. Presented at the Hammond Technical High School Stage, 5727 Sohl Ave., Hammond, Indiana. All seats reserved—$1.25.

Working closely with the publicity committee is the box office crew. The tickets go on sale in the food lounge in school a few weeks before opening night. They can be picked up immediately after their purchase, or reserved and picked up the night of the play, or they can be bought at the door. The box office manager gets to the theatre at least an hour before the play starts.

Another person, who is perhaps the most important in initiating the play, is, of course, the writer. In this case the author of the play is William Shakespeare. Unfortunately, his works are "very much studied" and are rarely seen. People are frightened away by the academic atmosphere the word "Shakespeare" conveys before they even stop to think that they might enjoy his plays. **Twelfth Night** is one case where this attitude should especially be avoided. It is a spirited comedy that cannot fail to get its humor across to even the most solemn listener. Shakespeare was a master of works to be seen and enjoyed as well as to be read, if not more so. Eight-thirty Thursday night, the curtain rises.

'Moonlight And Roses' Theme Of First PUCC Dinner-Dance

"Moonlight and Roses" will set the mood for PUCC's first spring formal dinner-dance in the history of the school. All plans are being made by the largest dance committee yet appointed to take over the job of making that night one of the most memorable for all those who attend. The committee feels that a formal affair is the best way to wind up the school year for the first four-year graduation class as well as the nursing and technology graduates, and, of course, the student body, faculty, and administration.

Committee members include Jim Phillips, Del Ray Haagen, Carol Leskovich, Lee Hankins, Carol Tymochko, Sandy Beaterman, Christine Brown, and Chairman Karen Barnes.

The evening of dinner, dancing, and romance will be held at the Cherry Hills Country Club in Flossmoor, Illinois, on Friday, May 26. The sounds of the Al Martino Band will echo through the country club hall, which by then will be newly remodled for the affair. Couples will be given a choice of the following menu;

Breast of Chicken, ala Kiev
Roast Sirloin of Beef, Sauce au Champignon
Broiled Filet of Lake Superior White Fish, Maitre D'Hotel

Price per couple will be $15.00, which is the entire price of the evening. Dancing will start at 9 p.m.; dinner at 11 p.m.

Ticket reservations go on sale today in the Student Lounge which require a $5.00 deposit. Chairman Karen Barnes explained the new procedure of Ticket Reservations. "Due to the fact that the country club has a limited accomodation capacity, tickets will be by reservation only. We hope that student body, seniors especially, will give the dance early consideration so that all preparations will be ready for the big night."

"Moonlight and Roses"

Reservations for PUCC's formal dinner dance may be made in the Student Activities Center. A $5.00 non-refundable reservation fee will be charged at the time the reservations are made. Tickets are limited.

Nelson Selected As The Outstanding Undergraduate Teacher

Nils K. Nelson, chemistry professor at Purdue University Calumet Campus, has been nominated by the faculty for a special award as an outstanding undergraduate teacher.

Nelson, associate professor of chemistry, was selected by a faculty committee as "The Outstanding Undergraduate Teacher at the Calumet Campus" for this academic year.

Eleven other persons from all the schools and campuses of Purdue University were nominated for the new series of awards sponsored by a Standard Oil Foundation grant to give recognition to effective teachers of undergraduate students.

Six of the nominees will be named to receive $500 cash awards at a formal University convocation. They will be selected by a committee consisting of six faculty members and four students at Purdue's main campus in West LaFayette.

"Dr. Nelson is an excellent choice as the Calumet Campus representative in the competition," commented Dean Carl H. Elliott, campus director. "He has demonstrated superior ability in communicating his chosen material to his students and in stimulating the students' desire to master the materials."

Arrangements Made To Park Unrestricted Cars

A Log Book, located by the switchboard, has been set up by Sgt. Vern E. Korlin to prevent students, staff, and faculty from being given a ticket for parking an unregistered vehicle in the school parking lot.

Every vehicle parked in the school lot should have a windshield sticker indicating that the car has been registered with the Campus Police or Student Affairs offices. But, in an emergency the student may be unable to drive his registered vehicle and is forced to drive an unregistered vehicle for a short time. To prevent being issued a ticket for parking an unregistered vehicle, the student should insert his name, address, license number, make of car, and regular parking permit number in the Log Book **each day** the car is parked in the lot. Thus, if the campus police issue a ticket for parking an unregistered vehicle which has been registered in the Log Book, the ticket will be voided.

As Sgt. Korlin pointed out, an unregistred vehicle may be parked (and of course, registered in the Log Book) only if it is an emergency. For example, if a person's registered car breaks down or if public transportation is unavailable, he may be forced to drive an unregistered vehicle for a short time. If he plans to drive the car for a longer period of time, such as a month, it should be registered with a sticker.

With parking areas getting back to normal, enforcement of regulations will be more strict. Cars driven regularly and not registered will be ticketed, as well as cars illegally parked.

Cars must be parked within stalls inside of yellow lines. Students may not park in areas designated "visitor parking" or "no parking," which includes the grass areas by the visitor's parking lot south of 171st Street. Parallel parking in the area south of 171st Street will also be enforced.

The problem of illegal posting of cancelled classes has been brought to the attention of this paper.

The administration has clarifyed the fact that any schedule changes will be cleared through the switchboard and that students should check the switchboard for cancelled classes.

Students Need Help From Apathetic Administration

The general concensus concerning student spirit and enthusiasm in social activities at the Purdue Calumet Campus is that there has always been a lack of interest on the part of the student body.

This year, with our student enrollment ever-soaring, the activities center has broken all records. Not only is there a willing and eager bunch of students running the activities, but new programs have been initiated this year for the first time. It's a shame that such an energetic group of kids must be hindered by faculty and administrative apathy.

It has recently come to the attention of the activity center that a certain amount of money appropriated for the ASTRON, PUCC's yearbook, which is getting a first start this year, hasn't really been appropriated at all. This leaves the staff with a deficit, for the work and money already put into the book and technically has called a halt to all other activities at the center, until the deficit is paid.

First of all, why was this not brought to the attention of the students sooner? Secondly, surely a yearbook which for most schools is an integral part of the activities center—a book which not only collects the year's activities for personal enjoyment, but serves as an outlined record of all happenings, events and participants at PUCC—surely such a valuable asset to all members is well worth even a small fraction of the money that everyone pays in activity fees. If not for the benefit of the students, or what better use could the funds be appropriated? Should the Astron's first year be recorded as one of failure?

Despite the efforts of some active students, the ones that keep the center full of life, others have to get on the ball. Faculty, the "leaders" of the student body, have set a grand total sales record. Only 25 per cent have bought yearbooks. Is there any reason that this shouldn't be boosted to 100 per cent? Only 30 instructors have taken the time out to show interest in supporting this valuable student effort. Surely a young adult's lessons should include social stimulus as well as academic learning. Only 210 students have purchased yearbooks —but with lack of interest on the part of the faculty—is there any reason why the students should not follow suit?

A mistake has been made. To correct it must take the support of everyone—students, faculty, administration. Effort should also be made NOW to make sure that it won't happen again next year. So folks—lets get on the ball!!!

One + Solitary + Life . . .

He grew up in another village. He worked in a carpenter shop until he was thirty, and then for three years he was an itinerant preacher. He never wrote a book. He never held an office. He never owned a home. He never put his foot inside a big city. He never traveled 200 miles from the place where he was born. He never did one of things that usually accompany greatness. He has no credentials but himself.

While he was still a young man, the tide of public opinion turned against him. His friends ran away. He was turned over to his enemies. He went through the mockery of a trial. He was nailed to a cross between two thieves. While he was dying, his executioners gambled for the only piece of property he had on earth, and that was his coat.

When he was dead, he was laid in a borrowed grave through the pity of a friend.

Nineteen centuries wide have come and gone, and today he is the central figure of the human race and the leader of the column of progress.

I am for within the mark when I say that all the armies that ever marched, and all the navies that ever sailed, and all the parliaments that ever sat, and all the kings that ever reigned, put together, have not affected the life of man upon this earth as has that **ONE + SOLITARY + LIFE.**

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Are Negotiations The Answer?

Senator Robert Kennedy solemnly assures the nation he is aware of the precedent of Panmunjon but his proposals make us wonder.

In any event, the lessons of the Korean War negotiations deserve more than the passing mention they received last week in the Senator's speech urging that the U.S. stop bombing North Vietnam to "test the sincerity" of Communist hints that negotiations might follow.

In April and May of 1951, the Eighth Army broke two Red Chinese offensives in Korea and launched a highly promising drive of its own. The Chinese were in ragged retreat; in one week during June, 10,000 of them surrendered. "In June, 1951, we had them whipped," General James A. Van Fleet said afterwards. "They were definitely gone."

On June 23, Soviet UN delegate Jacob Malik suggested negotiations. The first meeting was held on July 8. One history of the espisode records that a New York Times dispatch warned against excessive optimism; "fighting for several weeks is foreseen by Washington."

The fighting lasted two more years. With the U.S. offensive called up short, the Communists proved willing to sit across the table from us, but only to hurl invective. During the talks, as the South Koreans recently reminded Ambassador Goldberg, the U.S. lost some 20,000 of the 54,000 dead it suffered in that war.

Now, the Communists have been hinting that if only the U.S. would unconditionally stop bombing North Vietnam, they would condescend to sit with us at another negotiating table. Senator Kennedy may be right that these hints are evidence of "a new and more hopeful moment of opportunity for settlement." On the other hand, as he also recognizes, they may be merely an attempt to get U.S. concessions in return for meaningless talks, or even, if you look suspiciously at what the North Vietnamese say, perhaps for no talks at all.

The Senator's "plan" to deal with the second eventuality is worthy of any good high school debating team. There would be an international control commission to tell the world if the Communists used the talks to build up their military forces, notwithstanding that none of the several such commissions has ever been effective in policing anything about any Communists.

And if the other side did step up its military effort, the U.S. could simply walk out of the talks and resume bombing. We would then gain "far clearer international understanding of our motives and necessities."

In the real world, though, precisely the opposite would be more likely to happen if the U.S. ever did break up even the most pointless negotiations under the mere provocation of more Red infiltration. The cries of the hypocrites would reach an unprecedented roar, and "world opinion" would condemn not the Communists but the U.S.

The lesson of Panmunjon, then, is the old one that negotiations are not an end in themselves, but merely a means to a settlement. There is no point, and considerable risk, in making concessions to the Communists for nothing more than the dubious pleasure of their company at a negotiating table. Any concessions must be based on some assurance they are sincerely willing to see talks through to a settlement.

How do we judge if the Communists are willing not only to talk but to settle? That seems to us fairly simple. If they want negotiations without settlement they will demand U.S. concessions matched by none of their own. If they are willing to settle, they ought to be ready to express that willingness in not only words but acts; that is, they ought to match any substantive concessions the U.S. makes.

These lessons seem to elude Senator Kennedy and other stop-the-bombing advocates. Certainly we need to "test the sincerity" of the barrage of negotiation hints from the Communists. That is precisely what the Administration is doing in demanding, so far vainly, some token of Communist good faith to match the token we would offer in calling off our planes.

Like many other Americans, we are uneasy about this war—whether it is advancing the nation's best interests. But on the specific question of the bombings the case seems clear.

Until a token of Communist willingness to settle is forthcoming, the bombings, even if contrary to common sense they had no military effect, serve an essential purpose. Our determination not to stop them without a reciprocal slowdown by the Communists is our best protection against Panmunjon.

(Editorial from Wall Street Journal, March 6, 1967).

. . . WANTED . . .

For the purchase of a wheel-chair, cigarett packages are needed!! All packages can be brought to the Student Activities Center.

'Mental Health Club'

The Mental Health Club will have a meeting on Thursday, March 23 in Room 158 12:00 p.m.

Everyone is welcome to attend the meeting.

Dr. Roy Harr Speaks on "Mass Spec"

The Student Affiliates of the American Chemical Society will be the guests of the American Oil Company on March 22, 1967. At 7:00 p.m. that night, the chemistry majors and their professors will see the dry tedium of the textbook brought to life in the operation of the mass spectrometer. The principles of the "mass spec" will be explained by Dr. Roy vander Haar, the chemist in charge at Standard Oil. Then Dr. vander Haar will run actual organic compounds through the machine in efforts of analysis. The results of the analysis will give an accurate molecular weight and a molecular formula of each compound. If the compound identity was unknown, the analysis could furnish an accurate picture of the chemical structures. In other words, no more dirty test tubes!

PUCC Student Responds To 'Free Love' Editorial

By Daniel R. B. Fary

"Sex, in reality, is a tender and intimate form of expression." This statement appeared in the March third *Boilermaker* article "Free Love," which continued . . . "there is no supportable argument for not utilizing this medium of expression" (free use of the sexual act). It inherently follows from the first quotation that this expression must be a manifestation of concern, liking, or love for another person; certainly it is commonly agreed that the "free-love" reason for taking part in the sexual act is a person's quest of happiness and pleasure for himself and/or for another person.

But such relations very naturally bring forth children; the new and unexpected pressures placed on such a couple by a child very often cause the two people to hate rather than love each other and produce life-long misery rather than happiness. Even if contraceptive devices could completely eliminate the chance of conception for a couple, serious complications are still present; we have all read articles about people who have led morally-loose lives for a few months or years, have gradually become mentally disintegrated, and have completely lost their chosen careers or even committed suicide due to a feeling of guilt like that which drove Shakespeare's Lady Macbeth to self-destruction.

If a boy *truly* likes a girl, he will show his love in *protecting* her from this tragedy by avoiding such superficial and transient signs of affection. Or, as the U.C.L.A. psychiatrist Dr. Ralph R. Greenson stated it in the Dec. 9, 1966 issue of *Time*: "The great lovers in real life and literature were willing to suffer great misery and pain for their loved ones—to wait, to struggle and to endure, all of which served to make the loved one more precious." Or, as Emerson said it in his essay "Love": "God makes girls pretty and boys handsome so that they will be attracted to each other and will enjoy discovering the beauty within each other (by a discourse of minds) because of that which really causes their beauty—God."

(Article received from student in reaction to March editorial on "free love.")

Tech. Student Wins Art Contest

Illinois Bell Telephone sponsored a 1967 directory art contest which was open to 9th, 10th, 11th and 12th grade students in all Lake County, Indiana, schools. The 184 entries in the art contest were exhibited to the public Saturday and Sunday, March 11th and 12th, at Purdue University Calumet Campus.

Domingo Rositas, a 16-year-old artist, from Hammond Technical and Vocational High School won first prize with his tempera entry titled "Winter and Telephone Poles." He won a $300 cash prize. The painting will be reproduced on the front cover of Illinois Bell's 350,000 telephone books to be delivered in Lake County during August. Domingo Rositas is the son of Mr. and Mrs. Jose Canueles, 5435 Birch Avenue, Hammond.

Second prize of $200 was awarded to Denise Drag, 16, a sophomore at Wirt High School in Gary, for her collage: "Lake County's Coming of Age." She is the daughter of Mr. and Mrs. John Drag, 7505 Oak Avenue, Gary.

The $100 third prize went to Mark Hill, 17, a junior at Munster High School, for "Blue Mist," a watercolor painting. He is the son of Mr. and Mrs. Bernard L. Hill, 8545 Greenwood Avenue, Munster.

Illinois Bell's awards also included $50 prizes for the best entry from high schools not represented by the first, second and third place winners.

In addition, the Northern Indiana Art Salon Patrons Association awarded 20 cash prizes in recognition of special merit, and the Gary Artists League presented 10 scholarship awards to promising young artists for advanced art instruction.

The contest awards were announced at recognition dinner honoring winning artists, their parents and their art instructors.

"Winter and Telephone Poles," won Domingo Rasitas $300 for his tempera entry.

Twenty-three high schools participated in the competition, which was conducted with the support and cooperation of the Gary Artists League and the Northern Indiana Art Salon Patrons Association, according to R. M. Ferris, general manager of Illinois Bell's Indiana Area.

Each of the participating high schools were limited to a maximum of 10 entries. Selection of its entries were left to the discretion of each school.

The general subject of the contest was Lake County. However, artists could interpret this subject in any manner or style they deemed appropriate. All entries had to be prepared under the supervision of the student's art instructor.

Contest judges were Dr. Henry R. Hope, chairman, Fine Arts Department, Indiana University; William M. Brincka, professor and chairman of the Basic Program, the School of the Art Institute of Chicago, and Robert H. Glauber, curator, the Illinois Bell Collection.

In announcing the awards, F. M. Ferris noted:

"We sponsored this competition because of our interest in the continued cultural growth of the communities we serve. We hope its awards and recognition will encourage young artists, promote art education, and stimulate increased general interest in art."

After exhibition, all winning entries will be added to the Illinois Bell art collection at its Chicago headquarters building.

'The Calumet Review' To Be Published On May First

"The Calumet Review" is a new literary magazine written by the faculty of Purdue University Calumet Campus. This new magazine, which will be published twice a semester, "is a forum for ideas of general interest and a showcase for literary creation," said Bernard Mirel, chief editor. Mr. Mirel added that the magazine is not intended to be a scholarly journal of the traditional type, but will contain articles relating to modern times and current events. Being independent of the school itself, the magazine has freedom to present and discuss controversial issues.

Any member of the Purdue Calumet faculty may contribute an article to the magazine; and in the future, other than faculty members may be eligible to submit articles. The first issue of "The Calumet Review" had only a limited printing of 300 copies which were distributed to the faculty, administrative personnel, and to other schools of higher education in this area. Copies for interested students are available in the library on the magazine rack. Students are encouraged to read the magazine and to express their opinions and any ideas for future issues. They may send a note to Box 65, Purdue University Calumet Campus, or to any one of the editors.

The first issue of the magazine contains poetry and feature articles by instructional staff members from the schools of technology, science, humanities, social science, and education. Included are a poem by Charles B. Tinkham dedicated to the Calumet and four poems by Richard I. Mayes which reflect some of the current issues in America. "An Invitation To Man-Sign Engineering" by Shea Zellweger describes the need for a system of symbols in the growing study of logic. "Atoms on the Brain" by Travis Phillips discusses the composition and effects of LSD and other drugs. In "Reminiscences," Charles F. Rhodes looks back with fondness at some of the humorous events during Purdue Calumet's first few years. Also included are excerps from "MACBIRD," a play written by Barbara Garson about the assassination of President Kennedy.

Forbes Defines Educated Man

"Intellectual" and "Square" was the topic of the second in a series on the educated man given March 1, by Professor Jack E. Forbes, Department of Mathematics.

Professor Forbes in developing his concept of an educated man axiomatically with certain terms which are not formally but rather intuitively defined. As a foundation he proposed the existence of an "educational process continuum" which he represented graphically as the positive x-axis of a cartesian coordinate system. On this line he established three distinct areas of education which are here stated in ascending graphical order and ascending extend of educational order: local, regional, and global.

First one must consider those individuals who live to the point of "maturity." It follows from the fact that they are alive that they have been at least educated for survival in their native environment. Professor Forbes placed them in the area of local education. He added further that the individual placed in the local area can control his environment so that he does not impair his survival along physical, psychological, or economical lines. From this he concluded that there does not exist a totally uneducated man.

The transition from local to regional is of a very informal nature. A slight generalization of the local area, such that an individual can survive, in not only his own environment, but also "similar" ones (where the word "similar" is left undefined) is the next higher area, namely the regional education. If necessity demands that this person vary his actions, he will do so only by "simple empiricism." A change will occur only according to the particulars of what experiences will recall for him. He does not usually think in generalities.

When one has attained the area of global education, he can survive in a remote environment. The transition to this point requires that man be able to do some abstracting; he must be able to think in generalities, while others who are lower in the educational process continuum must simply accept what is given them. A person in the global area, when given several choices on how to approach survival and control, is capable of making the most advantageous choice. An example of an abstraction is that of a person respecting a leadership position regardless of who is holding that position.

Professor Forbes also considered the nature of one's personal definition of education. He quoted Sartre in saying that man exists; he must then proceed to define himself. Professor Forbes combined his development of the educational process continuum with Sartre's statement. The educational law which resulted was that the extent to which we define ourselves is directly proportional to the extent of one's education. From his previous statement that there does not exist a totally uneducated man and from his educational law, one can surmise that each of us does define himself, and more important, that we must continue the process of self-definition. It is interesting to note that part of the educational process is making non-permanent decisions at several points along the continuum, there to test the surrounding circumstances, and then to go on until one position is found to be satisfactory.

He observed that the farther one gets on the educational continuum, the greater the probability that he can satisfactorily define himself because so many choices are given him. Sometimes, however, a person can get so overwhelmed by the many choices, that he decides to sit back and vegetate without making a decision. In other words, his decision is not to make a decision.

These observations led Professor Forbes to the development of his paradox. The farther one gets on the educational continuum, the higher the probability of defining oneself. The higher the probability of defining oneself, the greater the possibility of being overwhelmed by the many choices. Thus a high position on the continuum implies a greater opportunity for self-definition and at the same time a greater opportunity for deciding not to define oneself at all.

Too many universities being a student from the local area to the regional area but not much farther. A university should provide an opportunity for one to educate himself and to define himself. Along the way, he must be allowed to assert his right of self-definition and reciprocally must grant that same right to others. He must also search for that innate creative ability which is his to create, and which must be created—himself.

Jobs Available For Students In European Adventure

Principality of Liechtenstein—Job opportunities are made available all year-round throughout Europe by the International Travel Establishment with strings attached. You receive prospective employers names and then you apply directly to the employer. Job categories vary as they would in the USA and wages will be identical to the European co-worker.

This is an opportunity for students not only to save but actually earn money while seeing Europe. ITE has been placing students throughout Europe for the past five years.

For a complete listing of job opportunities (with a job application) and also low cost tours send $1 (for overseas handling and an air mail reply) to: Dept. 5, International Travel Establishment, 68 Herrengasse, FL-9490 Vaduz, Principality of Liechtenstein.

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In order to help the student at PUCC widen his educational background, the Purdue Television Unit would like to make the schedule of future telecasts available to all interested parties. If you belong to a group or know of a group that is interested in enlarging its potentials through education, you might contact Mr. Boyd Mangus, Co-ordinator of the PUCC Television Unit.

The following programs will be telecast at PUCC:

Thursday—March 30 Room 121	Veterinary Science Seminar with Prof. S. J. Bower, 6-9 P.M.
Tuesday—April 4 Room 115	Math Seminar for High School Teachers, 6:30-8 P.M.
Thursday—April 6 Room 119	"Engineering Education and Design" by Prof. Byron Saunders, Head of Industrial Engineering, Cornell University, 2:30-4 P.M.

President Hovde Announces Faculty Promotions

Fdederick L. Hovde, President, Purdue University, recently announced the promotion of four PUCC faculty members. Those promoted are: Alfred D. Sander, Jaming Pan, Henry J. Merry, and Richard R. Fryer.

Mr. Sander, former U.S. Defense Department intelligence analyst, was promoted to full professor of history. Professor Sander is a resident of Crown Point, Indiana, and Chairman of the Calumet Section of the Department of History and Political Science. He came to PUCC in 1962 as assistant professor of history and was promoted to associate professor in July, 1964. His instructional fields are in 20th Century American History and American Diplomacy. He is a member of the American Association of University Professors, American Historical Association and the Organization of American Historians.

Professor Sander, while employed as intelligence analyst from 1951 to 1962 was engaged in politics and was elected mayor of Carrollton, Maryland on a nonpartisan ticket. He served as mayor from 1960 to 1962.

He received his bachelor's and doctorate degrees in history from American University and Master's degree from Miami University of Ohio. He served in the Army Engineers Corps during World War II and taught history and science at Monroe High School, Monroe, Ohio.

Mr. Pan, a native of China was elevated to associate professor of physics. He is also chairman of the Department of Physics at PUCC. Professor Pan joined the PUCC faculty in 1960 after obtaining his bachelor's degree at Taiwan Normal University in China, his master's at Northwestern University, majoring in physics, and teaching physics at Northwestern for three years.

Mr. Pan is a member of the Institute of Electrical and Electronic Engineers, the American Association of Physics Teachers and the American Association of University Professors. He lives in Homewood, Illinois.

Mr. Merry was promoted to associate professor of political science. He is originally from Pontiac, Michigan, now residing in Hammond and has quite a list of accomplishments. He was, from 1937 to 1947 an attorney, practicing in Michigan. He has a BA degree from the University of Michigan, an MA in political science from American University, an LLB in law from University of Michigan, an LLM in legal theory from Harvard University, and PhD in international relations from the University of London, England. Mr. Merry is also an authority on the works of Baron Charles Louis De Secondat Montesquieu, French political theorist of the 18th Century. He went to France last summer to gather material for a book he is completing on Montesquieu.

Mr. Merry is a member of the American Society for Political and Legal Philosophy, American Political Science Association as well as many other professional groups.

Mr. Fryer was promoted to assistant professor of chemistry. A native of Benton Harbor, Michigan, he came to PUCC in 1960. He now lives in Valparaiso. Mr. Fryer has a BS degree in chemistry from Western Michigan College of Education and will receive is MS in chemistry in June from Loyola University in Chicago.

He was employed at Inland Steel Co. from 1951 to 1960 as a supervising metallurgist. He is a member of the executive board of the American Society for Metals and the American Chemical Society.

Along with the Faculty promotions announced by President Hovde came word of four administrative staff promotions. These were announced by Carl H. Elliott, PUCC director. They will fill newly created positions made necessary by the rapid growth of PUCC, Dean Elliott explained.

Those promoted were: Professor Richard J. Combs to Associate Dean, Professor Clifford S. Gerde to Assistant Dean for Academic Affairs, Melvin D. Degraff to Assistant Dean for Student Services, and Lee S. Barton to Assistant Director for Administration.

"These men were selected for highly responsible jobs that are part of the totally emerging pattern as the Calumet Campus assumes the identity of a four-year university in its own right," Dean Elliott said. "The appointments parallel the administrative assignments at Purdue's main campus in West LaFayette," he added.

Professor Combs joined the University Staff in 1955. He taught mathematics and physical science before becoming assistant director in 1957. He received his BA degree in mathematics and MA degree in educational administration from South Dakota University.

He is a member of Phi Delta Kappa, the American Society of Engineering Education, the American Technical Education Association and the Central Association of Science and Mathematics Teachers.

With the promotion to associate dean, Professor Combs was promoted to full professor.

Professor Clifford S. Gerde, professor of mechanical engineering, has earned the position of Assistant Dean for Academic Affairs. This promotion is the latest in a long line of accomplishments to his record. He is a graduate of the U.S. Coast Guard Academy. He received an MS degree in naval architecture from Massachusetts Institute of Technology. He is a licensed Professional Engineer in seven states and the District of Columbia. He was superintendent of new construction and repair on vessels which range from buoy tenders to ice breakers to rescue craft (1948-1952). After three years as professor of engineering at the Coast Guard academy, he became chief of naval engineering, maintenance and design for the Coast Guard. He was in charge of all ships from the drawing board until they slid down the ramps and into the water.

Professor Gerde joined the faculty in 1960 as associate professor of mechanical engineering after he retired from the Coast Guard with the Rank of a naval Captain and 27 years of distinguished service. He became a full professor in 1963.

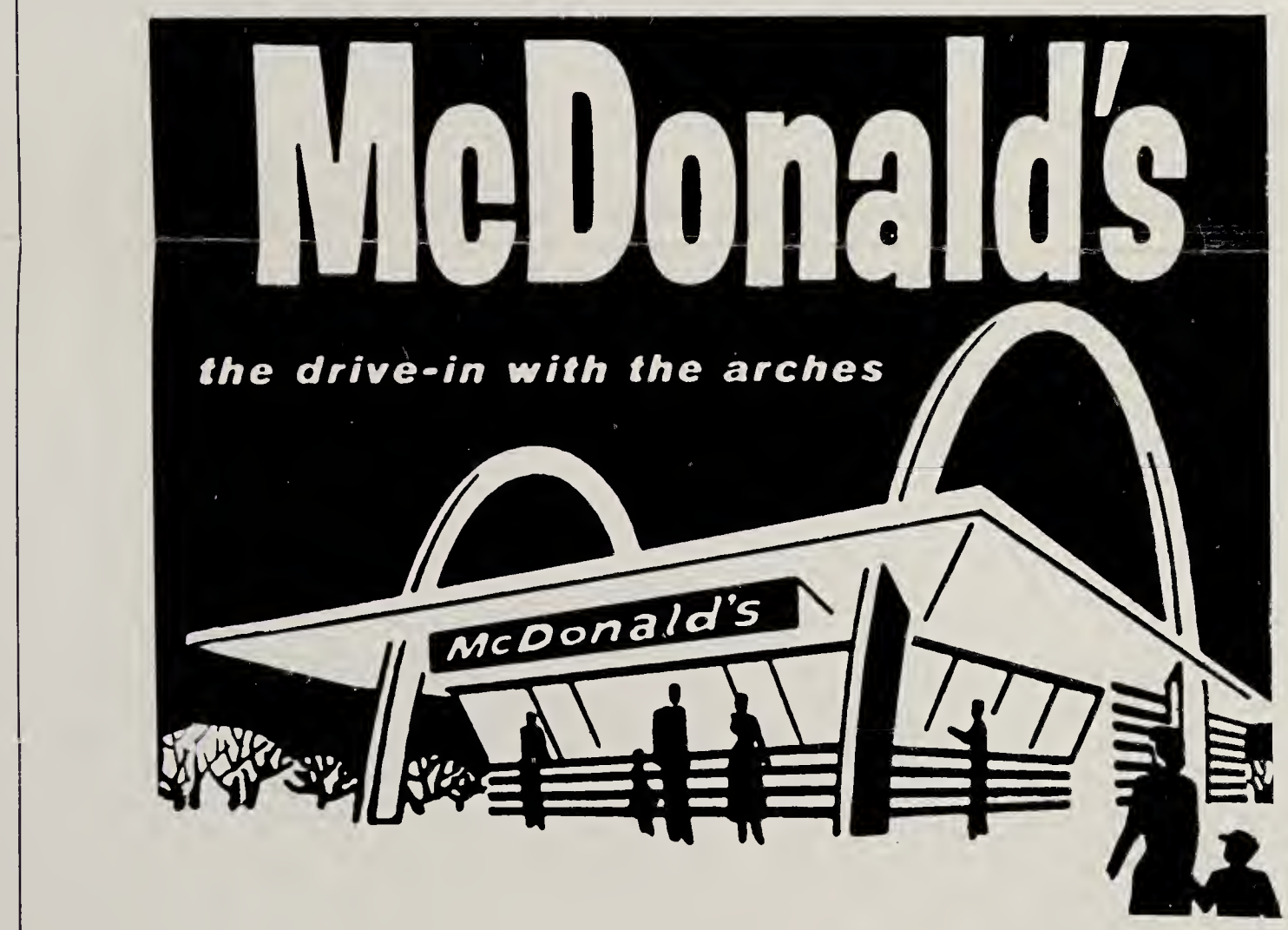
Mr. DeGraff came to PUCC as admissions officer in 1965 after receiving a BS degree in physical education from Illinois State University, his MA degree in education from DePaul University, and 15 years experience as teacher, coach, and administrator at Thornton Township High School and Junior College, Harvey, Illinois.

He is a member of several professional organizations, the South Holland Village Zoning Board and has served as a Little League coach for several years.

Mr. Lee S. Barton is also a member of the PUCC staff with a distinguished record. He retired from the Navy as an officer with 21 years service with assignments ranging to duty with minesweepers in the Pacific during World War II to navigation duty with the 6th Fleet in the Korean War. He taught naval science in the Naval Reserve Officers Training Corps program at Princeton University from 1952 to 1954 and served two years on special assignment as assistant operations and training officer for the Staff Commander in Chief of the Royal Danish Navy.

He has a BA degree in History from Duke University and an MA in educational supervision and administration from Roosevelt University. After his 1962 retirement from the Navy and a position as research assistant in the education department of the University of Chicago, he came to PUCC as assistant to the director in 1965.

Mr. Barton is a member of Phi Delta Kappa, Adult Education Association, American Educational Research Association and a charter member of the Military Testing Association.



McDonald's Drive-In

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March 27, 30 SCOPE To Hold Tournaments

During the mid-semester break SCOPE is planning two tournaments. On Monday, March 27 at 11 a.m. at the Plazas Lanes in Highland, SCOPE will hold another annual bowling tournament. Only those who preregister by signing the list on the food lounge bulletin board will be allowed to enter. A $2.50 entry fee will be charged at the tournament, which will cover the cost of three games, and shoes. Prizes will be awarded for the three succesive game totals with $15 for first place, $10 for second, $5 for third, $2.50 each for seventh, thirteenth, ninteenth, and twenty-seventh places. In addition to the first and second place cash prizes, engraved trophies will be presented to the lucky kegglers. Also a $5 prize will be awarded for the highest game, and a mystery prize will be awarded to last place.

On Thursday, March 30 at 6:30 p.m. in the top floor lounge, SCOPE will hold it's first annual ping-pong tournament. Again entrants must pre-register on a list on the food lounge bulletin board. A 50 cent entry fee will be charged to help defray costs, and will only be payable at the door. The contest will be a single elimination type contest with the winner of the best two of each three games progressing to the next round. Cash prizes will be awarded to first through fourth places in the following amounts: first place $10, second $6, third $3, and fourth $1.

SCOPE is also planning in the near future to tour I.B.M.'s Chicago Center to view the corporations newest computing equipment. The actual date will be announced at a later date, but it definitely will be on a Friday evening.

Still further in the future is another co-op banquet, where interested engineering students can talk to students in the co-op program, and to professional engineers from industries on the details of the program.

At the last SCOPE meeting a motion was made of holding another dance, similar to the Thanksgiving Dance which SCOPE held last fall. As such, plans are still tentative so watch for future announcements.

In addition to all these extra activities, at SCOPE's next meeting, April 2, several local professional engineers will hold a panel discussion on the merits of professional registration for engineers. Attendance is open to any interested students, and memberships are open for those wishing to join this nationaly affiliated group.

PUBLIC LECTURES ON FRENCH CULTURE AND PHYSICS HELD TODAY

Public lectures on French culture and physics will be presented today at Purdue University Calumet Campus in Hammond. Admission is free to both sessions.

Rene Allewaert, cultural attache of the French Cultural Services office in Chicago, will speak at 8 p.m. on "French Social Institutions" in Room 107 at the main building, 2233 171st St.

His presentation is sponsored by the Lecture and Assembly Committee of the Purdue Campus in Hammond.

Victor Namias, assistant professor of physics, will address a Physics Seminar at 3 p.m. in Room 38. His topic is titled "Symmetries and Conservation Laws."

Namias, former nuclear engineer from Belgiun, joined the Purdue faculty last September. Before that he was a physics instructor for five years at Carnegie Institute of Technology. He has MS and PhD degrees in physics from Carnegie Tech.

Also, Namias holds degrees in electrical engineering and nuclear engineering from the Universite Libre De Bruxelles in Belgium. He was employed by the Belgin government in the 1950's as a nuclear engineer dealing with design of the BR-3 Reactor.

CLUB CORNER

The Newman Club is sponsoring the Red Cross Drive on March 22 and 23. They are sponsoring Dr. Fischer on Wednesday, April 5, at 8:00 p.m. His topic will be "The Idea of a University." Their business meeting will be on Wednesday, April 12, at 8:00 p.m.

Pi Sigma Kappa is planning their annual banquet for the spring break, and a bake sale for Monday, April 10.

The Political Club is sponsoring Dr. Hayes on Wednesday, March 22, at 12:15 in room 115. His topic will be "The Golden Drain." A speaker who will be announced later is scheduled for Wednesday, April 5.

The A.C.S. is planning a trip to American Oil on Wednesday, March 22, for its members.

PMO is busy working on a spring concert. If you would like to sing, then join in on Monday nights in room 103 at 6:30 p.m.

The Gables Fine Arts Club is sponsoring Dr. Nichols on Friday, April 28, at 12:15 in room 15, and not on March 24, as was previously stated. His topic will be "Pilgrimes were they alle." A business meeting will be on Friday, March 24, at 12:15 in room 15.

The Annual Art Show sponsored by the Gables will be on Sunday, April 23. Students from the regional campuses, PUCC, IU Northwest Campus, and St. Joseph's College Calumet Campus, are eligible to show their work.

The Lutherin Club will meet on Tuesday, March 21, at 7:00 p.m. at Christ Luthern Church on Indianapolis Blvd. and 17st street. All students are invited.

The Radio-Electronics Club invites all students to a program on March 24th. One of our members Carl Gumm will discuss his hobby of radio-control airplane models at 12:10 in room 143. Regular meetings are held the second and fourth Mondays of the month. Prospective members are invited to join now to help plan activities for next year.

Newman Club Promotes Red Cross Donations

Today the Newman Club will present Sam Walkoff, Indiana's foremost magician, at 12:00 in the first floor lounge. Mr. Walkoff, a former Purdue student, professes the science of "Trichology." Walkoff will try to prove "beyond a doubt" that the hand in deed is quicker than the eye.

His performance is for the Annual Red Cross Drive. Red Cross provides valuable assistence to diaster victims, servicemen, and veterans.

The Red Cross also sponsors first aid training, water safety and nursing service programs. To continue to provide these services the Red Cross—which exists solely on contributions—need your help. A voluntary contribution will be asked after the performance.

This is one of the many service projects sponsored by the Newman Club. It is hoped that student response will be great!

YEARBOOK GOES TO PRESS

The 1967 edition of the **Astron** is going to press within the week to assure delivery before the end of the school year. There will be a "Signature Swing" to distribute the books on Saturday, May 20, in the lower lounge. All students who have purchased a book will be admitted free off charge if they have their receipt.

Any student who has not paid the second installment on their book must do so by March 24 or forfeit the first $3.00.

The Staff would again like to announce that they are accepting applications for next year's editors. Anyone who wishes to know more about these positions should contact Karen Barnes (Editor-in-Chief) in the Student Activities Center (telephone: 845-4244).

WANTED

MALE: Investigation and report writing, Munster; Collection Assistant, Woodmar; General utility, Hammond; General office boy, E. Chicago; Draftsman, Hammond: Night cleaning, Woodmar; Engineers assistant, E. Chicago; Salesman, Crown Point; General work in men's store (will have to schedule) (#6766).

FEMALE: Clerk (preferably 4-8 p.m.) $1.40/hr.

INTERVIEWS

Charmin Paper Products (CE - ChemE - EE - IE - ME; EngTech—EE-IE-ME, 4 yr) 3-22, The Goss Company (EE-IE-ME; EngTech—EE-IE-ME, 2 & 4 yr) 3-23, International Harvester (EngTech—EE-ME; Tech—Chem, all 2 yr) 4-3, Commonwealth Edison (watch for further info) 4-5, Rauland Corp. (Subsidiary of Zenith Corp.) (watch for further info) 4-6, Chicago Rock Island Pacific (CE; CompSci; EngTech—EE-ME, 2 & 4 yr; Tech—Computer, 2 & 4 yr) 4-11, RCA Victor (EngTech—EE-ME, 2 yr) 4-12, Swift & Co., Gen. Eng Dept (CE-EE-ME; Eng Tech—Arch-EE-ME, 2 & 4 yr) 4-13.

SCOPE
ANNOUNCES
ON

March 27
BOWLING TOURNAMENT
Prizes — Trophies
? ? Mystery Prize ? ?

March 30
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— Cash Prizes —

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Griese, Charles Make First Round Draft Choices

Shields Joins PUCC Athletics

John S. Shields, physical education director and coach at Hammond Gavit and Hammond High schools the past four years, along with having received various personal athletic achievements, has been appointed assistant professor of physical education for men here at PUCC by Dean Carl H. Elliott, campus director. Shields has been on the campus part-time faculty list for three years, and will officially become a full time faculty member in September of 1967.

Robert Hayes, athletic program director of PUCC, said that the new appointment will expand intercollegiate sports. Shields will coach basketball and will direct the Calumet Campus' first teams in soccer and tennis.

Shields, of 8653 Manor Ave., Munster, received his BS and MA degrees in physical education and business education from Ball State University, where he played on the varsity basketball (guard) and baseball (outfielder) teams. Also, he is a 1958 graduate of Hammond Clark High School, where he had earned varsity letters in basketball, cross country, track, and baseball.

The 27-year-old educator is the son of Ed Shields, who has been associated in Calumet Region Athletics some 25 years and is now athletic director at Hammond Clark High School.

Shields is a member of Phi Delta Kappa, men's educational fraternity and Sigma Tau Gamma.

The question of 'what does Shields think he will do to improve the physical and moral

John S. Shields

conditioning that coach Hayes has already tried to achieve with the present existing ball clubs was answered thusly.' "When I was appointed to assistant professor of physical education here at PUCC, the tremendous pressure and long hours of coaching, teaching and the planning of expanding athletics here were almost cut in half for coach Hayes. With my appointment coach Hayes can devote his time in scheduling encounters, expanding and instructing his PE classes, and to his baseball team. My time will be spent instructing PE classes and coaching soccer and basketball."

In improving the athletic squads here at PUCC, the biggest problem will lie in reorganizing both the athletes and the student and faculty body. The first phase of the reorganizing program is to deal with the apathy that is exhibited by the students and faculty. The students must realize that this college is growing into a four year university, and those affiliated with this school must run it as a four year school.

The fact of PUCC being on the losing end of the stick all the time is because people come and go here. The students can't count on a winning team when fellows only play together a year or two. Then of course, the coach and students can't blame the athletes if they leave PUCC because they've found greener pastures.

Fellows, would you believe that these girls are going through some of their dance routines?

Women's Phys. Ed. Class Practices And Studies Ballet And Modern Dance

This semester the physical education class for women under the direction of Mrs. Donna Maroc is dealing in a course of dance appreciation.

During the first six weeks the class developed techniques of Ballet and studied the history of it dating back to the Royal Court of Italy in 1489. The class also saw colorful movies with prominent dancers such as Jose Limon, Pauline Koner and Martha Graham.

Following this period of lectures, films, and practice techniques concerning Ballet, the class advanced to a more creative field—Modern Dance. Expressing ideas through movement is the creative value of this particular form of dancing. Many physical values, as well as creative valves, are also involved. Strength, balance, grace, posture, and rhythm are all the necessary factors needed. The physical condition of the individual is also very important.

Since many ideas and thoughts can be expressed through music and dancing, this is exactly what the class is experimenting with. However, the students are primarily working on individual creativity and place most emphasis upon it. From their own creations they elaborate their movements and actions to express their feelings and emotions about a certain subject. The compositions they create are viewed and criticized by fellow students.

Modern Dance is a form of contemporary art where the students "learn by doing." Studying about the subject only supports the direct experience gained by active participation of the class.

"Modern Dance is significant to the pattern of American culture" and has begun to make its mark in America. Unlike the high cost of the Ballet, Modern Dance involves very little stage scenery, elaborate costumes or symphonic orchestration. It emphasizes only the use of body movement to communicate.

Future plans for Purdue's Modern Dance class include further practice and understanding of the dance itself, and also a trip to Purdue LaFayette to view a Modern Dance concert for all those interested.

Purdue Gridmen Join Pro Ranks

By Kent Hannon
Junior Sports Editor—LaFayette

Purdue's All-American quarterback Bob Griese and Rose Bowl MVP John Charles were picked in the first round of professional football's first combined two-league draft held Tuesday in New York City. Griese, the fourth player selected, went to the Miami Dolphins of the American Football League. Charles, the 21st pick, went to the AFL Boston Patriots.

Giant Bubba Smith and nifty Clint Jones, both of Michigan State, were the first two players chosen in the common player pool, going to the Baltimore Colts and Minnesota Vikings. The Spartans made it three out of five when the Houston Oilers grabbed off State's roverback George Webster, immediately after Griese's selection.

Griese, along with Heisman Trophy winner Steve Spurrier of Florida, was rumored to be going to the National Football League New York Giants. But the Giants traded their second choice slot to the Vikings for quarterback Fran Tarkenton. Spurrier was chosen by the San Francisco 49'ers immediately before Griese's selection.

Charles, a first team pick on Time magazine's Professional Coaches' Team, despite being out with a shoulder separation for a large part of the season, should be a 'natural' at defensive back. Only 195 lbs., he hits with the authority of a man thirty lbs. heavier.

Halfbacks Floyd Little and Mel Farr were picked sixth and seventh by the Denver Bronchos and the Detroit Lions. Once again a Spartan, end Gene Washington, was selected by the Dallas Cowboys—making it four out of eight for Duffy Daugherty's crew.

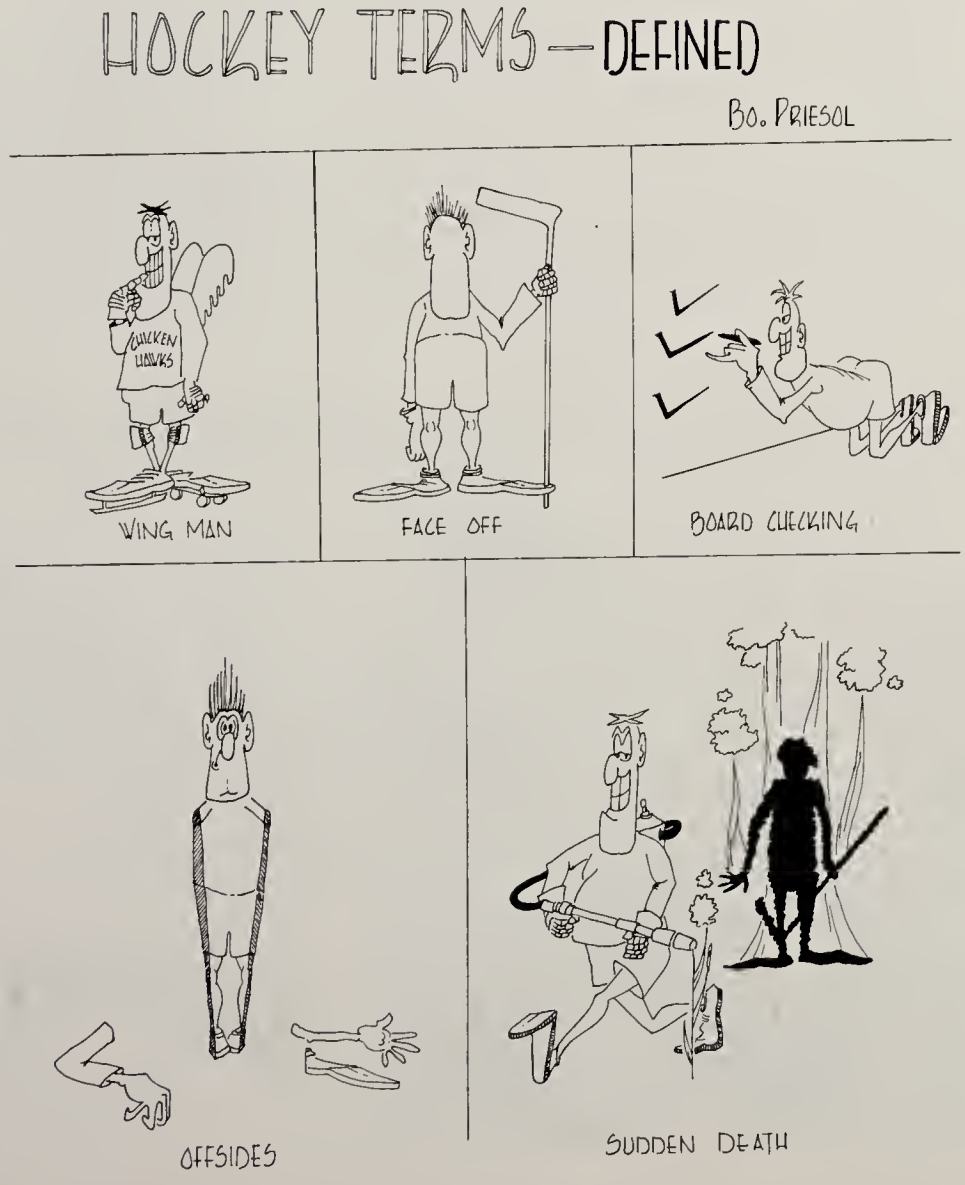
Griese, runner-up to Spurrier in the Heisman balloting and the Most Valuable Player in the Big Ten, completed over 60 per cent of his passes this year and directed Purdue to its first Rose Bowl victory in history.

The hapless Chicago Bears, who probably need a quarterback more than any other club in the NFL were thought to be hot on Griese's tail, but were six choices too late. They settled for All-American defensive end Lloyd Phillips of Arkansas.

Neither Griese or Charles were available for immediate comment, but it is certain that neither has yet signed a contract with their respective clubs.

HOCKEY TERMS—DEFINED

Bo. Priesol



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